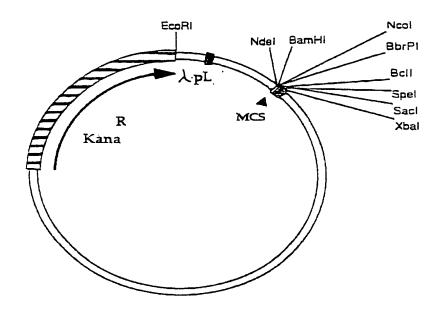
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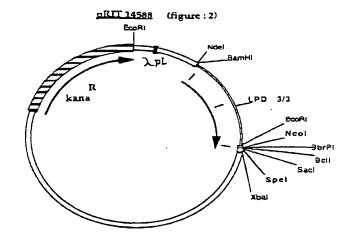
Ndel

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BamHI Ncol BbrPI BcII Sacl Spel
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Xbal

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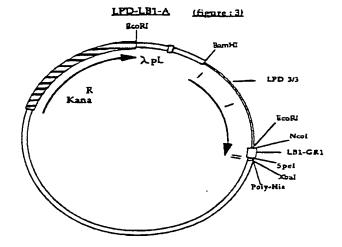
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Ndel BamHi

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- CCAAMACTTERGCCCTFFCTTTATERGCAGCTGGCGTACTAGCAGGTTGTAGCAGCCATTERTCRAATERTG
- ProlysThe Loual Blouser Louloual Ballog yval Loual BGI ycyeSer Ser HillsSer Serainmet GCCAATACCEAAATGAAATCAGACAAAATCATTATTGCTCACCGTGGTGCTAGCGGTTATTTACCAGAGCAT
- At assith Ginmet Lysserablys Hellellellerisatigg yalber Giytyrleup fog uhis accitagaatciaaaccacttocotticoactacaccactattattacaccaacattiaccaatcactaac
- ▶ Thr LeuGl uSer Lys Al aLeuAl aPheAl aGl nGl nAl sAapT yrLeuGl uGl nAspLeuAl aMet Thr Lys CATGGTCGTTTAGTGGTTATTCACGATCACTTTTTAGATGGCTTGACTGATGTTGCGAAAAAATTCGCACAC
- AspGi yArgLeuVal Val II eHi sAspHi sPheLeuAspGi yLeuThrAspValAl aLysLysPheProHi s
- A rgHi s A rgLysAspGi yA rgTyrYz i I i eAspPheThr LeuLysGi u i i eGi nSer LeuGi uMe t Thr GAAAACTTTGAAACCAAGATGGCAAACRAGGGCAAGTTTATCCTAATGGTTTCCCTCTTTGGAAATCACAT
- ▶ Gi uA\$nPheGi uThr LysAspGi yLysGi nAl aGi nVa! TyrProAsnArgPheProLeuTrpLysSer Hi s TACAAAATCACTGGCAAAAAGTA
- PheargileHiaThr PheGiuAspGiulleGiuPhelleGinGiyLeuGiuLysSerThr GiyLysLysVali GGGATTTATCCAGAAATCAAAGCACCTTGGTTCCACCATCAAAATGGTAAAGATATTGCTGCTGAAACGCTC
- ►G| y| | eTyrProG| u| | eLysA| aProTrpPheHisHisG| nAsnG| yLysAsp| | sA| aA| aG| uThr Leu LPD 3/3 AAAGTGTTAAAAAATATGGCTATGATAAGAAAAACCGATATGGTTTACTAACAAACTTTCGATTTTAATGAA
- Lysval LeuLyaLysTyrG yTyraspLysLysThrAspMelVal TyrLeuGinThr PheAspPheAsnGi u TERRANCUTATIONALACOGRATIACTICCACARATGGGAATGGATTTGAARTEAGTTCAATTAATTGCTTAT
- LauLysArgileLysThr @ utautcuPro@ nMet@ yMetAspteuLysteuVal@ ntculieAlaTyr ACAGATTGGAAAGAAACACAAGAAAAACACCCAAACGGTTATTGGGTAAACTATAATTACGATTGGTTT
- LysProGiyAlamelalagiuvalvslyralassdgyvalgiyProGiyTrpTyrmelLeuvalAsn
- Lyagi ugi ugi usor lyapadaani i avat TyrThr Proleuvat lyagi ulauatagi nTyraanvat gi u gtgcatcottacaccgttcctaagatocactgcccgagtttttcacagaggtaaatcaaatgaagtgatggtcc
- ▶ Val His ProTyrThr Val ArgLysAspAl aLeuProGl uPhePheThrAspVal AsnGl nMc (TyrAspAl a TTATTSAATAATCAGGCCCAACAGGTTATTTAGTGATTTCCCAGATACTGGCGTGGAATTCTTAAAAGGA
- LeuLeuAsnLysSer GlyAleThr GlyVel PhoThrAspPheProAspThr GlyVel GluPhoLeuLysGly NCOI BbrPI Bell Saci Spei
 ATAMANTCEATGGCCACGATGACGATCACGATTAA
- PileLyaSerMatAlaThrCyaAspGinSerSerThrSerGlyHisHisHisHisHisHisHisHls+--Xbal TETAGAATCGATAACCTTCGACCGATGCC



Benhi CTCTTEACACATTCAGCCCTCAAAAACGCCAATCAAAATTAAACCACACCCTTAAAGGAGGATATAACATATGGATCCAAA

PMetAspProLy

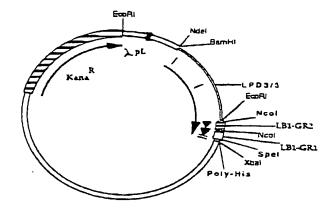
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- > 5Thr Leual Blauser Leulaual Bal BCI yeal Leual BCI ycyb ser Ser Hill Ser Seranmetal BashThr G
 AAATCAAATCAGACAAAATCATTATTGCTCACCGTGGTGCTAGCGGTTATTTTACCGGAGCAACCATAGAATCTAAA
- Interpretable the interpretable of the interpretabl
- Al aLeuAl aPheAlaGI nGI nAl aAspT yrLeuGi uGi nAspLeuAl aMs1Thr LysAspCi yA rgLeuVal Val I I
 TCACGATCACTTTTTTAGATGCCTTGACTGATGTTCCGAAAAAATTCCCACATCGTCATCGTAAAGATGCCCGTTTACT
- HI SASPHI SPICLEUASPGI YLEUThraspva i a i alyslyspicprohi sarghi sarglysaspgi ya rgtyrt atgtcatcgactytaccytaaaagaartycaaagyttagaartgacagaaactytcalaccaraagatggcaracar
- Y (Val II easpPheth) Leulys G ut i egi nSer Leugi ume i the G uashPhegi uthi LysaspGi ylys gi n GCCCAAGTTEATCCTCATCCTCTTTTGGAAATCACATTTTAGAATTCATACCTTTGAAGATGAAATCAAATTCATA
- All agi nya i Tyrp roasnargPheProLeuTrpLyaSer Hi aPheArg i LeHi sThr PheGi uaspGi u i LeGi uPh TRTCCAAGGCTTACAAAATCCACTGCTAAAAAGTAGGGATTTATCCAGAAATCAAGGACCTTGCTTCCACCATC
- I nasngi ylysaspi i eai zai zgi uthr Leulysvai Leulyslyst yrgi yt yrasplyslysthra apmet vai tacttacaaacctaticcaatt
- Tyrleugi nThr Pheaspheashgi ulsulysargi i slysThr quulsuleuprogi nme i qi ymetasbleuly attactycastaattccttatacagattcgaaagaacaacaacaagacccaaagggttattcggtaaactata
- STTYPASPT PMET PROLYCP PROGRAM EMETAL BGL UVB LVB LVB LVB TYPAL BASPGL VVB GLYPPOGLYT PTYPARGYTAATAAAGAACACCAAACCTGATAATAATATTGTGTAAACACTGGTGATAAAAGAACTTGCACAAACTGATAATAA
- Pinvai Giluvai Hils ProTyrThr vai AirgLysAspAl aLeuProGiluPhePheThrAspValAsnGilnWatTyrAspA

 EcoRi

 CCTTATTGARTAATCAGGGCCAACAGGTGTATTTACTGATTTCCAGATACTGGATTCTTAAAAGGAATA
- PlaceuleuajnlysScr Giyalathr Giyval PhethraspPheProaspthr Giyval GiuPheleulysGiylle Nool LB1 AAAT<u>CCATGGATGGTGGCAAAGCAGGTGTTTG</u>CTTTAGTACGTTCTGATTATAAATUTTATGAAGATGCAAA
- ► nGlyThrArgAspHlsLysLysGlyArgHlsThrAlsArgThrSerGlyHisHisHisHisHlsHls-Xbal

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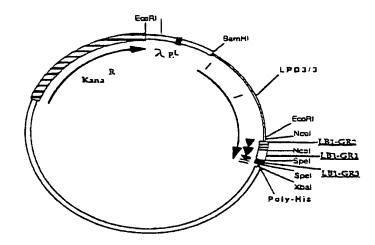


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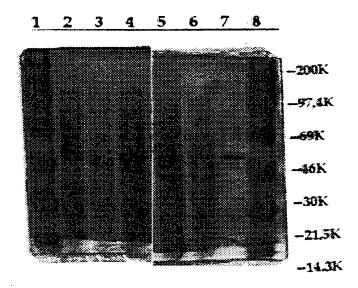
- Leual aleuser Leuleual aal agi yval Leual agi ycysser sor Hi s Ser Ser Ashmel al aashThr Gi nMat Ly s TCACACAAAATCATTATTGCTCACGGTCGTGCTAGGGGTTATTTACCAGAGCATAGGTTAGAATCTAAAGCACTTGCGTTT
- SerAspLystielielieliealahisangGiyalaSer GiyTyrLeuProGiuHisThr LeuGiuSer LysAlaLeuAlaPhe
- A I aging hal aasptyrleugi ugi haspleual amet Thr Lysaspgi ya rgleuVel Vel I I eHi saspHi s Pheleu GRIGGETTGACTGRIGTTGCCAAAAANTTCCCACATCGTGAAAGAIGGCCGTTACTATGTCATGGACTTTACCTTA
- AspGiyLsuThrAspVsiAlaLysLysPheProHisArgHisArgLysAspGiyArgTyrTyrVq1ileAspPheThrLbu
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 AAAAAGIAGGATTTATCCAGAATTAAACCACCTTGGTTCCACCATCAAAATGGTAAAGATATTGCTGAAAACCTC
- LysValleuLysLysTyrGlyTyrAspLysLysThrAspMatValTyrLauGlnThrPheAsoPheAsnGluLeuLysArd

- b LysTyral BasdG yVal GlyProGlyTrdTyrMerLeuvelasnLysGluGluSer LysProaspasni LeVal TyrThr CCGTIGGTAAAGAACTTGCACAATATAATGTGGAAGTGCATCCTTACACCGTGCCTAAACATGCACTGCCCGAGTI TTTG
- P ProLeuval Lyagi uleual agi ntyraanval Gi uval Hi sprotyrthr val a rglysaspal aleuprogi uphaphe acagacstaaateaaatstaatscottattaaataaateaggsscaacaggtstatteaggsstagtscoc
- ▶ Val Gi u PheLeuLys Gi y I I eLys Ser MetAap Gi y Gi y Lys Ai a Gi y Val Ai a Leu Val ArgSer Asp Tyr Lys Leu Tyr Ncol
- ANTANANATACTACTANTAGTACTCTTANANACCTAGGGGAACATCACAGGGCACGTGCCATGGATGGTGCCANACCA ANTANANAGTACTACTANTAGTACTCTTANANACCTAGGGGAACATCACAGGGCACGTGCCATGGATGGTGCCANACCA
- A 3 n Lys A 6 n Ser Ser A 5 n Ser Thr Leu Lys A 3 n Leu Gy Glumis his Argal bargal smeta 5 pG ly Gy Lys Alb LB1-CR3 GGTGTTGCTTCAGTACGTTCTGATTATAAATTTTTATGAAGATGCAAACGGTACTGCTACGACAAGATGGTCGTCACACA



Bambi CTCTTACACATTCCAGGCCTGAAAAAGGCCATCAAATTAAACCACACCTTAAGGAGGATATAACATATATGGATCAAAA

- ACTITAGESCTITETTTATTAGEAGCTGGGGTACTAGEAGCTTGTAGEAGCCATTCATCAATATGGGGAATTACCCAA
- The Leual aleuSer Leuleual aal agi yval Leual agi ycysser Ser Hi aser Serasnmet al aasnThe Gin ATGRANICAGACAAAATGATTATTGCTCACCOTGGTGCTAGCGGTTATTTACCAGAGCATACGTTAGAATCTAAAGCA
- Lauai aphaai agi ngi nai aasptyrleugi ugi naspleuai amet Thr Lysaspgi ya igleuvat vai i i eki s gatcacittittagatggcttgattgttgtgtttgcgllllattgtccclcltcatcgtllcatacatgccccttactlattattc
- PASpHi sPhaLouAspGl yLauThrAspVa1Al aLyaLysPhaProHi aArgHi sArgLysAspGl yArgT yrVa1 ATCGACTTTACCTTAAAAGAAATTCAAAGTTTAGAAATGACAGAAAACTTTGAAACCAAAGATGGCAAACAAGCGCAA
- I i caspPheThr LouLysGi ut i eQi nSer Leugi uMetThr Qi uAsnPheQi uThr LysAepQi yLysQi nAi aQi n TAATEGTTTECETCTTTGGAATCACATTTTAGAATTCATACCTTTGAAGATGAAATTGAATTTATCAA
- ▶ Vq (T yrProAsnArgPheProLeuTrpLyeSer Hi aPheArg () eHi sThr PheGl uAspGl u () eGl uPhe () eGl n GCCTTAGAAAAATCCACTGGCAAAAAAGTAGGGATTTATCCAGAAATCAAAGCACCTTGGTTTCCACCATCAAAAATCGT
- > Gi yLeuGi uLysSer Thr Gi yLysLysVa I Gi y I I aT yrP roGi u I I eLysAi aP roT rpPheHi sHi sGi nAanGi y LPD3/3
- LysaspiieAieAieAieGiuThrLeuLysVeiLeuLysLysTyrGiyTyraspLysLysThrAspMetVeiTyrLeuGin ACTITICGRITITIRATGRATTRARACGTATCALLACGGRATTACTTCCACALAATGGCCARTGGTTTGRAATTRGTTCAR
- P Thr PheAspPheAsnGi uLsuLysArg i i aLysThr Gi uLsuLsuP raGi nMb i Gi yMb iAspLeuLysLeuVa i Gi n TTAATTGCTTACACAGATTGGAAAGAAACACAAGAAAAAAGACCCAAAGGGTTATTGGGTAAACTATAATTACGATTGC
- > Met PholysProGiyAiaMotAiaGiuVaiVaiLysTyrAiaAspGiyVaiGiyProGiyTrpTyrMetLeuVaiAsn AAAGAAGAATCAAACCTGATAATATTGTGTACACTCCGTTGGTAAAGAACTTGCACAATATAATGTGGAAGTGCAT
- LysGluGluGluSerLysProaspasrilevalTyrThrProleuvalLysGluLeualaGlnTyrAsnvalGluValHis CCTTACACCGTGCCTAAAGATGCACTGCCCGAGTTTTTCACAGACGTAAATCAAATGTATGATGCCTTATTGAAATAAA
- ProTyrThr ValargiysAspAi sleuProGiuPhePheThrAspValAsnGinMetTyrAspAi sleuLeuAsniys TENGGGGCAACAGGTGTATTTACTGATTTECCAGATACTGCGTGGAATTCTTAAAAGGAATAAAATCCATGGATGC
- ► Ser Gi yAl aThr Gi yVal PheThrAspPheProAspThr Gi yVal Gi uPheLeuLysGi y i i eLysSer MetAspGi y LB1-GR2 CSTAAACCACCTCTTCCTTTAGTTCCTTCTCACTATAAATTGTACAATAAAAAAGTAGTAGTAATAGTACTCTTTAAA
- BiylysalaGiyValAlaleuValArgSerAspTyrLysLeuTyrAsnLysAsnSerSerSerAsnSerThrLeuLys AACCTAGGCGAACATCACAGAG ACGTOCCATGGATGGTGGCAAGCAGGTGTTGGTTTEAGTACGTTCTGATTATAAA
- PASILEUGI YGI UHI AHI BATGAI BATGAI BMETASOGI YGI YLYSAI AGI YVATAT ALEUVATA TGSETASPT YTLYS TTTTATCAACATSCAAACGCTACTCGTCACCACAACAAACGTCGTCACACCACCTACTAGTCGTTCTGACTATAAA
- PhaTyrGi uAspAl BASIGI yThr A (gASpHI SLYSLYSC) YA (gHI SThr Al BA/gThr Scr A (gScrAspT y/Lys
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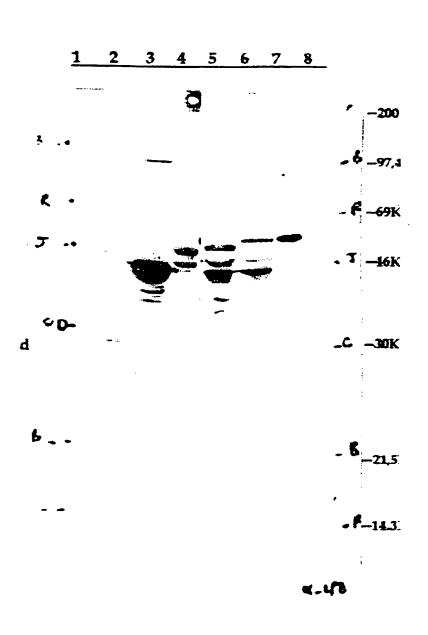
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-69K
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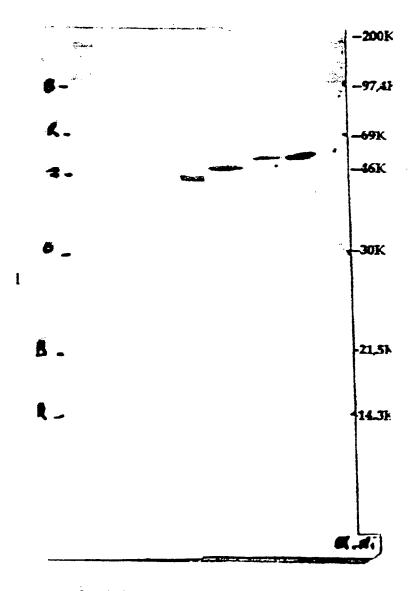
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-21,5K

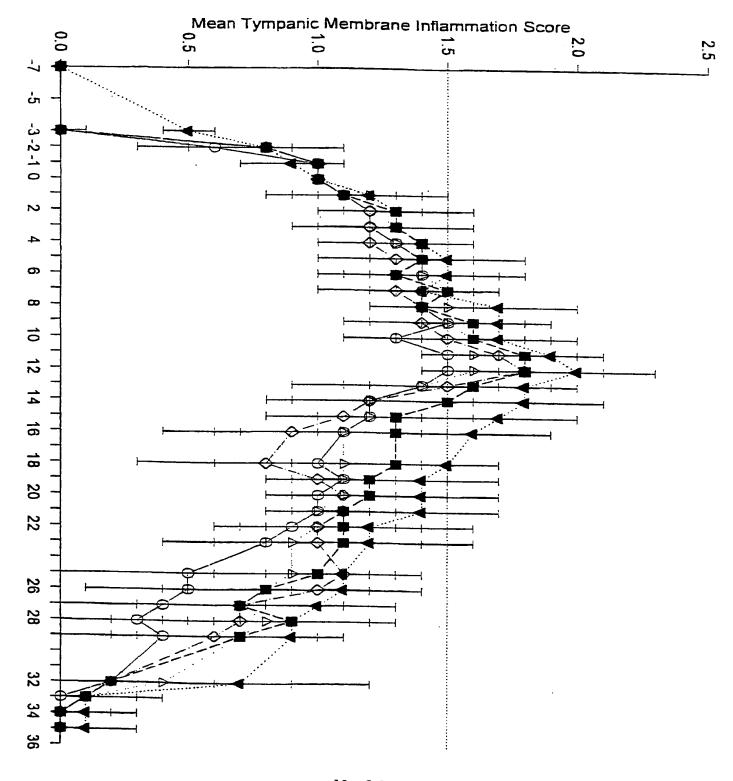
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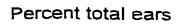
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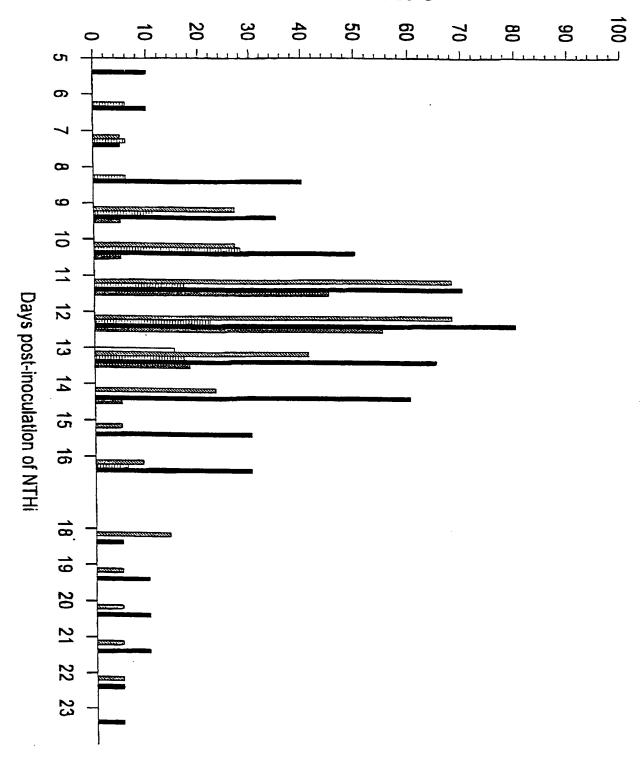


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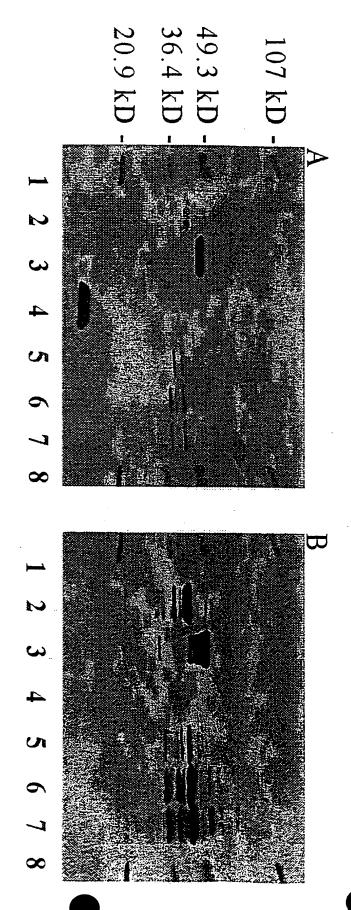


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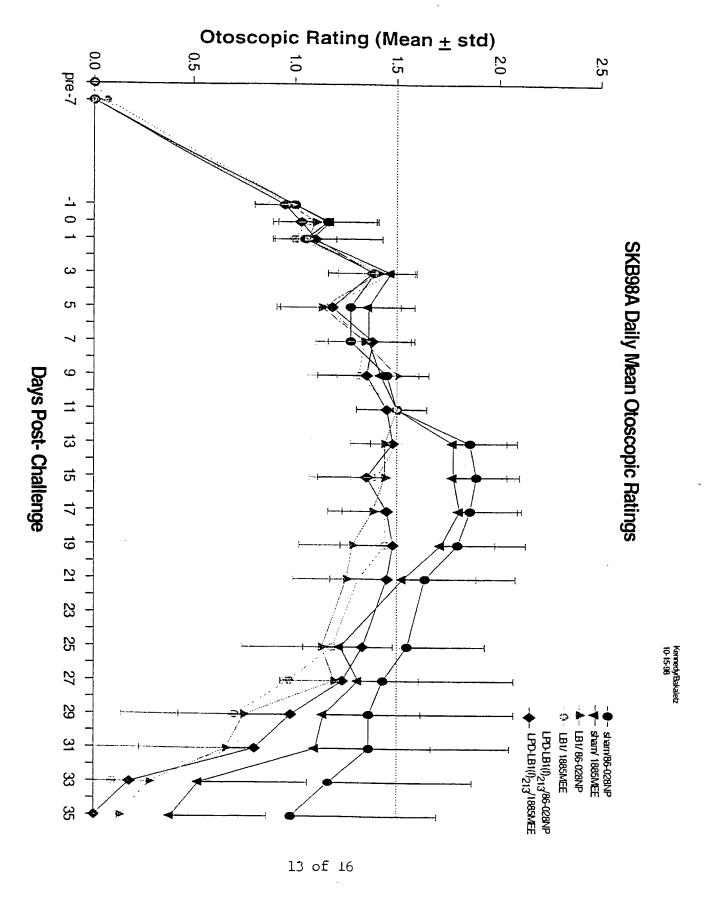


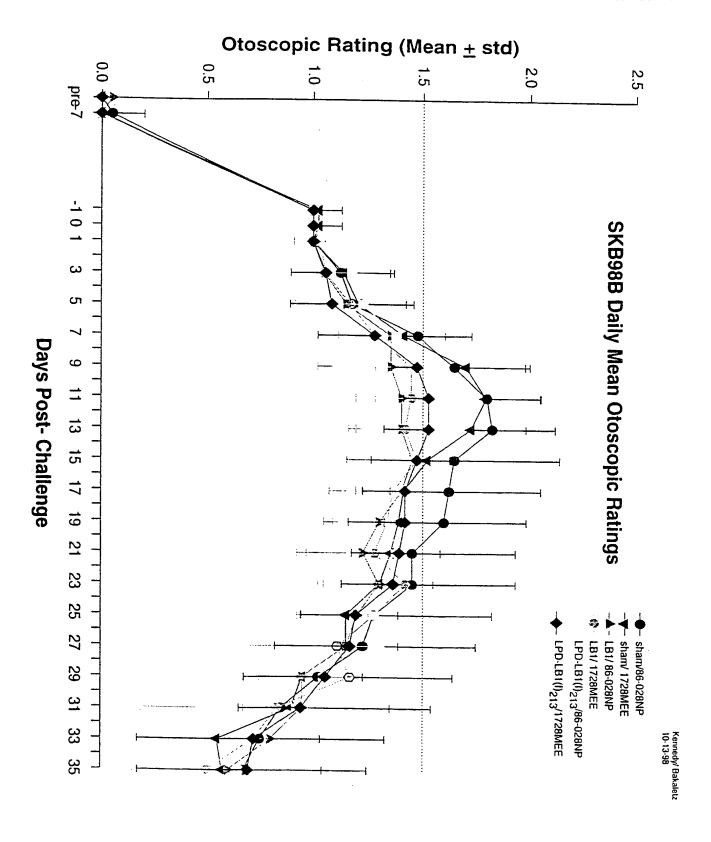


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7	29	50	80	63	44	71	
10	· 11	17	38	56	44	50	
14	11	0	38	44	40	43	
18	0	0	13	30	20	25	
21	0	0	13	20	11	13	
28	0	0	13	20	20	13	
35	0	0	13	10	10	13	

data updated on 5-5-99 by BJK

- □LPD-LB1(f)213/86-0 □LB1/86-028NP
- ■LB1/ 1885MEE
- ■LPD-LB1(f)213/188 ■Sham/86-028NP
- E Sham/ 1885MEE

